

STIC Biotechnology Systems Branch

RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number:

Source:

Date Processed by STIC:

10/526, 277
PCT
3-9-05

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.2.2 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail. Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom. Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - cPAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05): U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/24/05

BEST AVAILABLE COPY



PCT

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/526,277

DATE: 03/09/2005

TIME: 15:25:15

Input Set : A:\PTO.SR.txt

Output Set: N:\CRF4\03092005\J526277.raw

3 <110> APPLICANT: Epigenomics AG

5 <120> TITLE OF INVENTION: Verfahren zum Nachweis von Nukleins, uresequenzen mittels spaltbarer Sondenmolekole

8 <130> FILE REFERENCE: E01/1389/WO

C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/526,277

C--> 11 <141> CURRENT FILING DATE: 2005-03-01

13 <160> NUMBER OF SEQ ID NOS: 21

15 <170> SOFTWARE: PatentIn version 3.1

17 <210> SEQ ID NO: 1

18 <211> LENGTH: 28

19 <212> TYPE: DNA

20 <213> ORGANISM: Artificial Sequence

22 <220> FEATURE:

23 <223> OTHER INFORMATION: Primeroligonukleotid

25 <220> FEATURE:

W--> 26 <221> NAME/KEY: modified-base

27 <222> LOCATION: (1)..(1)

28 <223> OTHER INFORMATION: Thiol-substituiertes Thymin

31 <400> SEQUENCE: 1

32 taagtatggt gaagaaagat tattgtag

35 <210> SEQ ID NO: 2

36 <211> LENGTH: 22

37 <212> TYPE: DNA

38 <213> ORGANISM: Artificial Sequence

40 <220> FEATURE:

41 <223> OTHER INFORMATION: Primeroligonukleotid

43 <400> SEQUENCE: 2

44 cgcatcaact aaatcattaa aa

47 <210> SEQ ID NO: 3

48 <211> LENGTH: 18

49 <212> TYPE: DNA

50 <213> ORGANISM: Artificial Sequence

52 <220> FEATURE:

53 <223> OTHER INFORMATION: Oligonukleotid

55 <220> FEATURE:

W--> 56 <221> NAME/KEY: misc-feature

57 <222> LOCATION: (17)..(17)

58 <223> OTHER INFORMATION: 5'-Aminoadenosin

61 <220> FEATURE:

W--> 62 <221> NAME/KEY: modified-base

63 <222> LOCATION: (18)..(18)

64 <223> OTHER INFORMATION: Aminoadenin

67 <400> SEQUENCE: 3

Does Not Comply
Corrected Diskette Needed

please
do NOT
USE Foreign
language
in U.S.
Applications.

BEST AVAILABLE COPY

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/526,277

DATE: 03/09/2005

TIME: 15:25:15

Input Set : A:\PTO.SR.txt

Output Set: N:\CRF4\03092005\J526277.raw

W--> 68 tataaacacg tctttcna
71 <210> SEQ ID NO: 4
72 <211> LENGTH: 18
73 <212> TYPE: DNA
74 <213> ORGANISM: Artificial Sequence
76 <220> FEATURE:
77 <223> OTHER INFORMATION: Oligonukleotid
79 <220> FEATURE:
W--> 80 <221> NAME/KEY: misc-feature
81 <222> LOCATION: (17)..(17)
82 <223> OTHER INFORMATION: 5'-Aminoadenosin
85 <220> FEATURE:
W--> 86 <221> NAME/KEY: modified-base
87 <222> LOCATION: (18)..(18)
88 <223> OTHER INFORMATION: Aminoadenin
91 <400> SEQUENCE: 4
W--> 92 tataaacaca tctttcna
95 <210> SEQ ID NO: 5
96 <211> LENGTH: 18
97 <212> TYPE: DNA
98 <213> ORGANISM: Artificial Sequence
100 <220> FEATURE:
101 <223> OTHER INFORMATION: Oligonukleotid
103 <220> FEATURE:
W--> 104 <221> NAME/KEY: modified-base
105 <222> LOCATION: (1)..(1)
106 <223> OTHER INFORMATION: Aminothymin
109 <400> SEQUENCE: 5
110 tataaacacg tctttcaa
113 <210> SEQ ID NO: 6
114 <211> LENGTH: 18
115 <212> TYPE: DNA
116 <213> ORGANISM: Artificial Sequence
118 <220> FEATURE:
119 <223> OTHER INFORMATION: Oligonukleotid
121 <220> FEATURE:
W--> 122 <221> NAME/KEY: modified-base
123 <222> LOCATION: (1)..(1)
124 <223> OTHER INFORMATION: Aminothymin
127 <400> SEQUENCE: 6
128 tataaacaca tctttcaa
131 <210> SEQ ID NO: 7
132 <211> LENGTH: 18
133 <212> TYPE: DNA
134 <213> ORGANISM: Artificial Sequence
136 <220> FEATURE:
137 <223> OTHER INFORMATION: Oligonukleotid
139 <220> FEATURE:
W--> 140 <221> NAME/KEY: modified-base

18

← please
do not
use
Foreign
language
in U.S.
Applications

18

18

18

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/526,277

DATE: 03/09/2005

TIME: 15:25:15

Input Set : A:\PTO.SR.txt

Output Set: N:\CRF4\03092005\J526277.raw

✓ Same errors

141 <222> LOCATION: (1)..(1)
 142 <223> OTHER INFORMATION: Aminothymin
 145 <400> SEQUENCE: 7
 146 tataaacacg tctttcaa
 149 <210> SEQ ID NO: 8
 150 <211> LENGTH: 18
 151 <212> TYPE: DNA
 152 <213> ORGANISM: Artificial Sequence
 154 <220> FEATURE:
 155 <223> OTHER INFORMATION: Oligonukleotid
 157 <220> FEATURE:
 W--> 158 <221> NAME/KEY: modified-base
 159 <222> LOCATION: (1)..(1)
 160 <223> OTHER INFORMATION: Aminothymin
 163 <400> SEQUENCE: 8
 164 tataaacaca tctttcaa
 167 <210> SEQ ID NO: 9
 168 <211> LENGTH: 19
 169 <212> TYPE: DNA
 170 <213> ORGANISM: Artificial Sequence
 172 <220> FEATURE:
 173 <223> OTHER INFORMATION: Oligonukleotid
 175 <220> FEATURE:
 W--> 176 <221> NAME/KEY: modified-base
 177 <222> LOCATION: (1)..(1)
 178 <223> OTHER INFORMATION: Aminothymin
 181 <220> FEATURE:
 W--> 182 <221> NAME/KEY: misc-feature
 183 <222> LOCATION: (2)..(2)
 184 <223> OTHER INFORMATION: Methylphosphonat
 187 <400> SEQUENCE: 9
 W--> 188 tnataaacac gtctttcaa
 191 <210> SEQ ID NO: 10
 192 <211> LENGTH: 19
 193 <212> TYPE: DNA
 194 <213> ORGANISM: Artificial Sequence
 196 <220> FEATURE:
 197 <223> OTHER INFORMATION: Oligonukleotid
 199 <220> FEATURE:
 W--> 200 <221> NAME/KEY: modified-base
 201 <222> LOCATION: (1)..(1)
 202 <223> OTHER INFORMATION: Aminothymin
 205 <220> FEATURE:
 W--> 206 <221> NAME/KEY: misc-feature
 207 <222> LOCATION: (2)..(2)
 208 <223> OTHER INFORMATION: Methylphosphonat
 211 <400> SEQUENCE: 10
 W--> 212 tnataaacac atctttcaa
 215 <210> SEQ ID NO: 11

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/526,277

DATE: 03/09/2005

TIME: 15:25:15

Input Set : A:\PTO.SR.txt

Output Set: N:\CRF4\03092005\J526277.raw

✓ Same
errors

```

216 <211> LENGTH: 18
217 <212> TYPE: DNA
218 <213> ORGANISM: Artificial Sequence
220 <220> FEATURE:
221 <223> OTHER INFORMATION: Oligonukleotid
223 <220> FEATURE:
W--> 224 <221> NAME/KEY: misc-feature
225 <222> LOCATION: (17)..(17)
226 <223> OTHER INFORMATION: Methylphosphonat
229 <400> SEQUENCE: 11
W--> 230 ttcaacttat ataaacnc 18
233 <210> SEQ ID NO: 12
234 <211> LENGTH: 19
235 <212> TYPE: DNA
236 <213> ORGANISM: Artificial Sequence
238 <220> FEATURE:
239 <223> OTHER INFORMATION: Oligonukleotid
241 <220> FEATURE:
W--> 242 <221> NAME/KEY: misc-feature
243 <222> LOCATION: (2)..(2)
244 <223> OTHER INFORMATION: Methylphosphonat
247 <400> SEQUENCE: 12
W--> 248 tntctttcaa aattcacat 19
251 <210> SEQ ID NO: 13
252 <211> LENGTH: 19
253 <212> TYPE: DNA
254 <213> ORGANISM: Artificial Sequence
256 <220> FEATURE:
257 <223> OTHER INFORMATION: Oligonukleotid
259 <220> FEATURE:
W--> 260 <221> NAME/KEY: misc-feature
261 <222> LOCATION: (2)..(2)
262 <223> OTHER INFORMATION: Methylphosphonat
265 <400> SEQUENCE: 13
W--> 266 gntctttcaa aattcacat 19
269 <210> SEQ ID NO: 14
270 <211> LENGTH: 18
271 <212> TYPE: DNA
272 <213> ORGANISM: Artificial Sequence
274 <220> FEATURE:
275 <223> OTHER INFORMATION: Oligonukleotid
277 <220> FEATURE:
W--> 278 <221> NAME/KEY: misc-feature
279 <222> LOCATION: (17)..(17)
280 <223> OTHER INFORMATION: 5'-Aminoadenosin
283 <400> SEQUENCE: 14
W--> 284 ttcaacttat ataaacnc 18
287 <210> SEQ ID NO: 15
288 <211> LENGTH: 19

```

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/526,277

DATE: 03/09/2005

TIME: 15:25:15

Input Set : A:\PTO.SR.txt

Output Set: N:\CRF4\03092005\J526277.raw

✓ same
errors

289 <212> TYPE: DNA
 290 <213> ORGANISM: Artificial Sequence
 292 <220> FEATURE:
 293 <223> OTHER INFORMATION: Oligonukleotid
 295 <220> FEATURE:
 W--> 296 <221> NAME/KEY: misc-feature
 297 <222> LOCATION: (3)..(3)
 298 <223> OTHER INFORMATION: Methylphosphonat
 301 <400> SEQUENCE: 15
 W--> 302 atnctttcaa aattcacat 19
 305 <210> SEQ ID NO: 16
 306 <211> LENGTH: 19
 307 <212> TYPE: DNA
 308 <213> ORGANISM: Artificial Sequence
 310 <220> FEATURE:
 311 <223> OTHER INFORMATION: Oligonukleotid
 313 <220> FEATURE:
 W--> 314 <221> NAME/KEY: misc-feature
 315 <222> LOCATION: (2)..(2)
 316 <223> OTHER INFORMATION: Methylphosphonat
 319 <400> SEQUENCE: 16
 W--> 320 gntctttcaa aattcacat 19
 323 <210> SEQ ID NO: 17
 324 <211> LENGTH: 18
 325 <212> TYPE: DNA
 326 <213> ORGANISM: Artificial Sequence
 328 <220> FEATURE:
 329 <223> OTHER INFORMATION: Oligonukleotid
 331 <400> SEQUENCE: 17
 332 ttcaacttat ataaacac 18
 335 <210> SEQ ID NO: 18
 336 <211> LENGTH: 19
 337 <212> TYPE: DNA
 338 <213> ORGANISM: Artificial Sequence
 340 <220> FEATURE:
 341 <223> OTHER INFORMATION: Oligonukleotid
 343 <220> FEATURE:
 W--> 344 <221> NAME/KEY: modified-base
 345 <222> LOCATION: (1)..(1)
 346 <223> OTHER INFORMATION: Aminocytosin
 349 <400> SEQUENCE: 18
 350 catctttcaa aattcacat 19
 353 <210> SEQ ID NO: 19
 354 <211> LENGTH: 19
 355 <212> TYPE: DNA
 356 <213> ORGANISM: Artificial Sequence
 358 <220> FEATURE:
 359 <223> OTHER INFORMATION: Oligonukleotid
 361 <220> FEATURE:

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/526,277

DATE: 03/09/2005
TIME: 15:25:16

Input Set : A:\PTO.SR.txt
Output Set: N:\CRF4\03092005\J526277.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:3; N Pos. 17
Seq#:4; N Pos. 17
Seq#:9; N Pos. 2
Seq#:10; N Pos. 2
Seq#:11; N Pos. 17
Seq#:12; N Pos. 2
Seq#:13; N Pos. 2
Seq#:14; N Pos. 17
Seq#:15; N Pos. 3
Seq#:16; N Pos. 2

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/526,277

DATE: 03/09/2005

TIME: 15:25:16

Input Set : A:\PTO.SR.txt

Output Set: N:\CRF4\03092005\J526277.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application Number
L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:26 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:1
L:56 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:3
L:62 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:3
L:68 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0
L:80 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:4
L:86 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:4
L:92 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0
L:104 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:5
L:122 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:6
L:140 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:7
L:158 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:8
L:176 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:9
L:182 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:9
L:188 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:0
L:200 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:10
L:206 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:10
L:212 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:0
L:224 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:11
L:230 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:0
L:242 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:12
L:248 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:0
L:260 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:13
L:266 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:0
L:278 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:14
L:284 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:0
L:296 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:15
L:302 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:0
L:314 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:16
L:320 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:0
L:344 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:18
L:362 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:19
L:392 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:21